



SLII-P01-001 sub seq listing.txt
SEQUENCE LISTING

<110> Power, Christine
Plater-Zyberk, Christine

<120> Use of osteoprotegerin for the treatment and/or prevention of fibrotic disease

<130> SLII-P01-001

<140> US 10/510,876

<141> 2003-03-26

<150> EP02100364.5

<151> 2002-04-10

<160> 12

<170> PatentIn version 3.1

<210> 1

<211> 1681

<212> DNA

<213> Homo sapiens

<400> 1

ctggagacat ataacttgaa cacttggccc tgatggggaa gcagctctgc agggactttt	60
tcagccatct gtaacaatt tcagtggcaa cccgcgaact gtaatccatg aatgggacca	120
cactttacaa gtcacaaagt ctaacttcta gaccagggaa ttaatggggg agacagcgaa	180
ccctagagca aagtgcacaa cttctgtcga tagcttgagg ctagtggaaa gacctcgagg	240
aggctactcc agaagttcag cgcgtaggaa gctccgatac caatagccct ttgatgatgg	300
tggggttggt gaagggaaca gtgctccgca aggttatccc tgccccaggc agtccaattt	360
tcactctgca gattctctct ggctctaact accccagata acaaggagtg aatgcagaat	420
agcacgggct ttagggccaa tcagacatta gttagaaaaa ttcctactac atgggttatg	480

SLII-P01-001 sub seq listing.txt

taaacttgaa gatgaatgat tgcgaactcc ccgaaaaggg ctcagacaat gccatgcata	540
aagagggggcc ctgtaatttg aggtttcaga acccgaagtg aaggggtcag gcagccgggt	600
acggcggaac ctcacagctt tcgcccagcg agaggacaaa ggtctgggac acactccaac	660
tgcgtccgga tcttggtg atcggactct caggggtggag gagacacaag cacagcagct	720
gcccagcgtg tgcccagccc tcccaccgct ggtcccggct gccaggaggc tggccgctgg	780
cgggaagggg ccgggaaacc tcagagcccc gcggagacag cagccgcctt gttcctcagc	840
ccggtggctt ttttttcccc tgctctcca ggggacagac accaccgcc caccctcac	900
gccccacctc cctgggggat cttttccgcc ccagccctga aagcgtaat cctggagctt	960
tctgcacacc ccccgaccgc tcccgcccaa gcttcctaaa aaagaaaggt gcaaagtttg	1020
gtccaggata gaaaaatgac tgatcaaagg caggcgatac ttcctgttg cgggacgcta	1080
tatataacgt gatgagcgca cgggctgcgg agacgcaccg gagcgctcgc ccagccgccg	1140
cctccaagcc cctgagggtt ccggggacca caatgaacaa gttgctgtgc tgcgcgctcg	1200
tggttaagtcc ctgggccagc cgacgggtgc ccggcgctg gggaggctgc tgccacctgg	1260
tctcccaacc tcccagcggg ccggcgggga gaaggctcca ctcgctccct cccaggagag	1320
gcttggggtt aggctggagc aggaaccgc tttcaagtta tgccatgctt cccctagggt	1380
gtccttttac gctgcaaagt tcctgctgac tttatggaag acagcaagag agagacagac	1440
agcgagagag agggagagag agagagagag aaacttggtt gaaagtttta gtcattaacc	1500
ttctgtcttc atctcagaat attaacgccc tcatgtagtc catactatct ttgcttaatg	1560
aacttgaact tttattatta gtggcaaaga agtggtcct tagattcaga gtaagttgga	1620
agaagacgtt agtcttctta aaaccattat aattagaata tgacatgata gatttttcta	1680
a	1681

<210> 2

<211> 401

<212> PRT

<213> Homo sapiens

<400> 2

Met	Asn	Lys	Leu	Leu	Cys	Cys	Ala	Leu	Val	Phe	Leu	Asp	Ile	Ser	Ile
1				5					10					15	

Lys	Trp	Thr	Thr	Gln	Glu	Thr	Phe	Pro	Pro	Lys	Tyr	Leu	His	Tyr	Asp
			20					25					30		

SLII-P01-001 sub seq listing.txt

Glu Glu Thr Ser His Gln Leu Leu Cys Asp Lys Cys Pro Pro Gly Thr
 35 40 45
 Tyr Leu Lys Gln His Cys Thr Ala Lys Trp Lys Thr Val Cys Ala Pro
 50 55 60
 Cys Pro Asp His Tyr Tyr Thr Asp Ser Trp His Thr Ser Asp Glu Cys
 65 70 75 80
 Leu Tyr Cys Ser Pro Val Cys Lys Glu Leu Gln Tyr Val Lys Gln Glu
 85 90 95
 Cys Asn Arg Thr His Asn Arg Val Cys Glu Cys Lys Glu Gly Arg Tyr
 100 105 110
 Leu Glu Ile Glu Phe Cys Leu Lys His Arg Ser Cys Pro Pro Gly Phe
 115 120 125
 Gly Val Val Gln Ala Gly Thr Pro Glu Arg Asn Thr Val Cys Lys Arg
 130 135 140
 Cys Pro Asp Gly Phe Phe Ser Asn Glu Thr Ser Ser Lys Ala Pro Cys
 145 150 155 160
 Arg Lys His Thr Asn Cys Ser Val Phe Gly Leu Leu Leu Thr Gln Lys
 165 170 175
 Gly Asn Ala Thr His Asp Asn Ile Cys Ser Gly Asn Ser Glu Ser Thr
 180 185 190
 Gln Lys Cys Gly Ile Asp Val Thr Leu Cys Glu Glu Ala Phe Phe Arg
 195 200 205
 Phe Ala Val Pro Thr Lys Phe Thr Pro Asn Trp Leu Ser Val Leu Val
 210 215 220
 Asp Asn Leu Pro Gly Thr Lys Val Asn Ala Glu Ser Val Glu Arg Ile
 225 230 235 240
 Lys Arg Gln His Ser Ser Gln Glu Gln Thr Phe Gln Leu Leu Lys Leu
 245 250 255
 Trp Lys His Gln Asn Lys Asp Gln Asp Ile Val Lys Lys Ile Ile Gln
 260 265 270
 Asp Ile Asp Leu Cys Glu Asn Ser Val Gln Arg His Ile Gly His Ala
 275 280 285

SLII-P01-001 sub seq listing.txt

Asn Leu Thr Phe Glu Gln Leu Arg Ser Leu Met Glu Ser Leu Pro Gly
 290 295 300

Lys Lys Val Gly Ala Glu Asp Ile Glu Lys Thr Ile Lys Ala Cys Lys
 305 310 315 320

Pro Ser Asp Gln Ile Leu Lys Leu Leu Ser Leu Trp Arg Ile Lys Asn
 325 330 335

Gly Asp Gln Asp Thr Leu Lys Gly Leu Met His Ala Leu Lys His Ser
 340 345 350

Lys Thr Tyr His Phe Pro Lys Thr Val Thr Gln Ser Leu Lys Lys Thr
 355 360 365

Ile Arg Phe Leu His Ser Phe Thr Met Tyr Lys Leu Tyr Gln Lys Leu
 370 375 380

Phe Leu Glu Met Ile Gly Asn Gln Val Gln Ser Val Lys Ile Ser Cys
 385 390 395 400

Leu

<210> 3

<211> 1356

<212> DNA

<213> Homo sapiens

<400> 3

gtatatataa cgtgatgagc gtacgggtgc ggagacgcac cggagcgctc gcccagccgc	60
cgycaccaag cccctgaggt ttccggggac cacaatgaac aagttgctgt gctgcgcgct	120
cgtgtttctg gacatctcca ttaagtggac caccaggaa acgtttcctc caaagtacct	180
tcattatgac gaagaaacct ctcacagct gttgtgtgac aaatgtcctc ctggtacct	240
cctaaaacaa cactgtacag caaagtggaa gaccgtgtgc gcccttgcc ctgaccacta	300
ctacacagac agctggcaca ccagtgcga gtgtctatac tgcagccccg tgtgcaagga	360
gctgcagtac gtcaagcagg agtgcaatcg caccacaac cgcgtgtgcg aatgcaagga	420
agggcgctac cttgagatag agttctgctt gaaacatagg agctgccctc ctggatttgg	480
agtggtgcaa gctggaaccc cagagcgaaa tacagtttgc aaaagatgtc cagatggggt	540

SLII-P01-001 sub seq listing.txt

```

cttctcaaat gagacgtcat ctaaagcacc ctgtagaaaa cacacaaatt gcagtgtctt 600
tggtctcctg ctaactcaga aaggaaatgc aacacacgac aacatatgtt ccggaaacag 660
tgaatcaact caaaaatgtg gaatagatgt taccctgtgt gaggaggcat tcttcaggtt 720
tgctgttcct acaaagttta cgcctaactg gcttagtggtc ttggtagaca atttgcttgg 780
caccaaagta aacgcagaga gtgtagagag gataaaacgg caacacagct cacaagaaca 840
gactttccag ctgctgaagt tatggaaaca tcaaaacaaa gcccaagata tagtcaagaa 900
gatcatccaa gatattgacc tctgtgaaaa cagcgtgcag cggcacattg gacatgctaa 960
cctcaccttc gagcagcttc gtagcttgat ggaaagctta ccgggaaaga aagtgggagc 1020
agaagacatt gaaaaaaca taaaggcatg caaacccagt gaccagatcc tgaagctgct 1080
cagtttgtgg cgaataaaaa atggcgacca agacaccttg aagggcctaa tgcacgcact 1140
aaagcactca aagacgtacc actttcccaa aactgtcact cagagtctaa agaagaccat 1200
caggttcctt cacagcttca caatgtacaa attgtatcag aagttatttt tagaaatgat 1260
aggtaccag gtccaatcag taaaaataag ctgcttataa ctggaaatgg ccattgagct 1320
gtttcctcac aattggcgag atcccatgga tgataa 1356

```

<210> 4

<211> 401

<212> PRT

<213> Homo sapiens

<400> 4

Met Asn Lys Leu Leu Cys Cys Ala Leu Val Phe Leu Asp Ile Ser Ile
1 5 10 15

Lys Trp Thr Thr Gln Glu Thr Phe Pro Pro Lys Tyr Leu His Tyr Asp
20 25 30

Glu Glu Thr Ser His Gln Leu Leu Cys Asp Lys Cys Pro Pro Gly Thr
35 40 45

Tyr Leu Lys Gln His Cys Thr Ala Lys Trp Lys Thr Val Cys Ala Pro
50 55 60

Cys Pro Asp His Tyr Tyr Thr Asp Ser Trp His Thr Ser Asp Glu Cys
65 70 75 80

Leu Tyr Cys Ser Pro Val Cys Lys Glu Leu Gln Tyr Val Lys Gln Glu
85 90 95

SLII-P01-001 sub seq listing.txt

Cys Asn Arg Thr His Asn Arg Val Cys Glu Cys Lys Glu Gly Arg Tyr
 100 105 110
 Leu Glu Ile Glu Phe Cys Leu Lys His Arg Ser Cys Pro Pro Gly Phe
 115 120 125
 Gly Val Val Gln Ala Gly Thr Pro Glu Arg Asn Thr Val Cys Lys Arg
 130 135 140
 Cys Pro Asp Gly Phe Phe Ser Asn Glu Thr Ser Ser Lys Ala Pro Cys
 145 150 155 160
 Arg Lys His Thr Asn Cys Ser Val Phe Gly Leu Leu Leu Thr Gln Lys
 165 170 175
 Gly Asn Ala Thr His Asp Asn Ile Cys Ser Gly Asn Ser Glu Ser Thr
 180 185 190
 Gln Lys Cys Gly Ile Asp Val Thr Leu Cys Glu Glu Ala Phe Phe Arg
 195 200 205
 Phe Ala Val Pro Thr Lys Phe Thr Pro Asn Trp Leu Ser Val Leu Val
 210 215 220
 Asp Asn Leu Pro Gly Thr Lys Val Asn Ala Glu Ser Val Glu Arg Ile
 225 230 235 240
 Lys Arg Gln His Ser Ser Gln Glu Gln Thr Phe Gln Leu Leu Lys Leu
 245 250 255
 Trp Lys His Gln Asn Lys Ala Gln Asp Ile Val Lys Lys Ile Ile Gln
 260 265 270
 Asp Ile Asp Leu Cys Glu Asn Ser Val Gln Arg His Ile Gly His Ala
 275 280 285
 Asn Leu Thr Phe Glu Gln Leu Arg Ser Leu Met Glu Ser Leu Pro Gly
 290 295 300
 Lys Lys Val Gly Ala Glu Asp Ile Glu Lys Thr Ile Lys Ala Cys Lys
 305 310 315 320
 Pro Ser Asp Gln Ile Leu Lys Leu Leu Ser Leu Trp Arg Ile Lys Asn
 325 330 335
 Gly Asp Gln Asp Thr Leu Lys Gly Leu Met His Ala Leu Lys His Ser
 Page 6

340

Lys Thr Tyr His Phe Pro Lys Thr Val Thr Gln Ser Leu Lys Lys Thr
355 360 365

Ile Arg Phe Leu His Ser Phe Thr Met Tyr Lys Leu Tyr Gln Lys Leu
370 375 380

Phe Leu Glu Met Ile Gly Asn Gln Val Gln Ser Val Lys Ile Ser Cys
385 390 395 400

Leu

<210> 5

<211> 18

<212> DNA

<213> homo sapiens

<400> 5

ctgcgcgctc gtgtttct

18

<210> 6

<211> 24

<212> DNA

<213> homo sapiens

<400> 6

aatgaaggta ctttggagga aacg

24

<210> 7

<211> 33

<212> DNA

<213> homo sapiens

<400> 7

cgggatccgc caccatgaac aagttgctgt gct

33

<210> 8

SLII-P01-001 sub seq listing.txt

<211> 27

<212> DNA

<213> homo sapiens

<400> 8

aagctcgagt tataagcagc ttatattt

27

<210> 9

<211> 27

<212> DNA

<213> homo sapiens

<400> 9

atctcgaggg ccactcgtcc ctgtgcc

27

<210> 10

<211> 29

<212> DNA

<213> homo sapiens

<400> 10

ataagcttgg agtcgcactg gctgtctcc

29

<210> 11

<211> 20

<212> DNA

<213> homo sapiens

<400> 11

acgcctaact ggcttagtgt

20

<210> 12

<211> 20

<212> DNA

<213> homo sapiens

SLII-P01-001 sub seq listing.txt

<400> 12
ctgattggac ctggttacct

20

<210> 13
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> chemically synthesized

<400> 13

Glu Phe Gly Ala Gly Leu Val Leu Gly Gly Gln Phe Met
1 5 10